



Professional data loggers with external probes

- External probes
- Display/Print
- Battery: 5 years
- Housing: Aluminium
- 50 to +120°C
- 55,000 readings



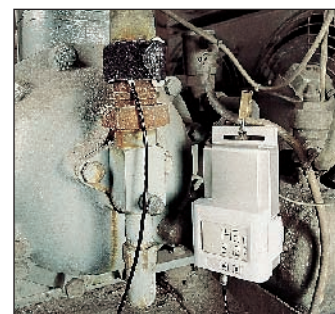
°C

%RH



testostor 171-4 with up to 4 external temperature probe connections is used for simultaneous temperature measurement at different locations e.g. in production processes or in storage areas.

You can place the testostor 171-1 data logger beside the goods and attach the separate probe to doors or refrigeration appliances up to 12 m away. Air moisture can also be checked, if required.

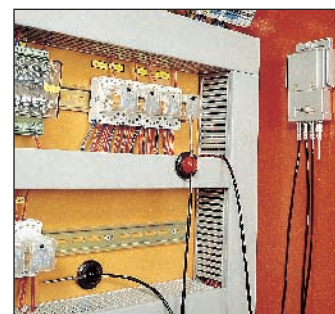


Logs temperatures e.g. in refrigeration units. testostor 171-1 data logger with display attached, shows fluctuations in temperature.

NEW ● On-site application:
Testo software for Palm OS® replaces laptop/PC

● Tamperproof measured results

● Clear printout on location on the Testo printer



Logs temperature fluctuations in switching units with testostor 171-4

testostor 171-1

Int.: °C + Ext.: °C or %RH/°C

testostor 171-1, temperature data logger with °C/%RH probe connection, incl. starting magnet, battery and calibration protocol

Part no. 0577 1715

testostor 171-4

4 x external °C

testostor 171-4, temperature data logger, 4 channels, with starting magnet, battery and calibration protocol

Part no. 0577 1714

Suitable probes at a glance

Description	Illustration	Meas. range	Accuracy	Reaction time	Conn. Cable/Length	Part no.
Robust immersion/air probe, quick-action, 6m cable, IP68 probe tip	40 mm Ø 3 mm	-50... +80 °C	±0.2 °C (-25... +80 °C) ±0.4 °C (-50... -25.1 °C)	5 s t99 (in water)	Fixed cable 6 m	0610 1720
Air probe, highly accurate, can be attached directly	30 mm Ø 3 mm	-35... +70 °C	±0.2 °C (-35... +70 °C)	180 s t90	--	0610 1722
Robust, accurate, waterproof food probe (IP65), made of stainless steel	125 mm Ø 4 mm Ø 3 mm	-50... +120 °C	±0.2 °C (-25... +80 °C) ±0.4 °C (-50... -25.1 °C) ±0.5 °C (+80.1... +120 °C)	10 s t90 (in water)	Fixed cable 2 m	0610 2217
Frozen food probe, corkscrew design	110 mm Ø 8 mm 30 mm Ø 4 mm	-50... +120 °C	±0.2 °C (-25... +80 °C) ±0.4 °C (-50... -25.1 °C) ±0.5 °C (+80.1... +120 °C)	8 s t90 (in water)	Plug-in cable 2 m	0610 3217
Pipe probe with Velcro, measures flow/return temperature, pipe diameter max. 100 mm	Ø 100 mm	-50... +80 °C	±0.2 °C (-25... +80 °C) ±0.4 °C (-50... -25.1 °C)		Fixed cable 3 m	0610 4617
Wall surface temperature probe, e.g. provides proof of damage to building material, cable 1.5m long, probe tip 40x15x0.2 mm	1.5 m	-50... +120 °C	±0.5 °C (-50... +120 °C)	20 s t90	Fixed cable 1.5 m	0628 0007

Practical accessories and recommended sets



Display with print option, can be attached to data logger

Part no. 0554 0175

Display can be attached to data logger

Part no. 0554 0176



Testo printer with 1 roll of thermal paper and 4 AA size batteries

Part no. 0554 0545

testostor 171-1, Standard set



testostor 171-1, temperature data logger with °C/%RH probe connection, incl. starting magnet, battery and calibration protocol

Robust immersion/air probe

ComSoft 3

Interface

Transport case (plastic)



ComSoft 3 - Professional with data management

Incl. database, analysis and graphics function, data analysis, trend curve

Part no. 0554 0830

Please order interface separately



NEW testostor 171 data logger, connection for Palm OS®

(Palm OS® not included)

In connection with ComSoft 3, Part no.: 0554 0830

Part no. 0554 0805

testostor 171-4, 4 x temperature measurement at different locations



testostor 171-4, temperature data logger, 4 channels, with starting magnet, battery and calibration protocol

Robust immersion/air probe

Robust immersion/air probe

Robust immersion/air probe

Robust immersion/air probe

ComSoft 3

Interface

Transport case (plastic)

Ordering data for Accessories

Part no.

Display can be attached to data logger
For quick checks on location 0554 0176

Display with print option, can be attached to data logger
For quick checks on location 0554 0175

Testo printer with 1 roll of thermal paper and 4 AA size batteries
Prints readings on location 0554 0545

Recharger for printer (with 4 standard rech. batt.)
Rechargeable batteries are recharged externally 0554 0110

Spare thermal paper for printer (6 rolls) 0554 0569

Spare thermal paper for printer (6 rolls) 0554 0568

Measurement data documentation legible for up to 10 years

Optical alarm display for data logger, battery-operated
Warns if limits have been exceeded 0628 0025

Holder with lock for data logger
Theft-proof 0554 1782

Lock for attached display
Suitable for holder 0554 1782 0554 1789

NEW testostor 171 data logger, connection for Palm OS®
In connection with ComSoft 3, Part no.: 0554 0830 0554 0805

ComSoft 3 - Professional with data management
Incl. database, analysis and graphics function, data analysis, trend curve 0554 0830

NEW ComSoft 3 - For requirements in accordance with CFR 21 Part 11
Incl. database, analysis and graphics function, data analysis, trend curve 0554 0821

Interface, attachable to data logger 0554 1781

Spare battery for testostor 171 0515 0018

Quick and easy battery replacement

Transport case (plastic) for data loggers (max. 5 off) and accessories 0516 0117

ISO calibration certificate/Temperature 0520 0141

Temperature data logger; calibration points selectable from -30 to +180°C

ISO calibration certificate/Temperature 0520 0171

Temperature data logger; calibration points -8°C; 0°C; +40°C per channel/instrument

DKD calibration certificate/Temperature 0520 0281

Data logger, transmitter, probe without display; cal. points freely selectable from -80 to +1000°C

Technical data

Common data

Chann. external (var.)

Probe type	NTC
Meas. range	-50... +120 °C
Accuracy ± 1 digit	±0.2 °C (-34.9... +39.9 °C) ±0.4 °C (+40... +120 °C) ±0.6 °C (-50... -35 °C)
Resolution	0.1 °C (-50... +120 °C)

Oper. temp. -35... +70 °C

Storage temp. -40... +85 °C

Battery type Lithium battery

Memory 55000

Dimensions 131x68x26 mm

Weight 305 g

Warranty 2 years

Measuring rate: 2 s to 24 h, selectable
Battery life: Lithium battery up to 5 years
Software: menu-driven from Microsoft Windows 95 / NT 4
Service pack 4

testostor 171-1

Chann. intern

Probe type	NTC
Meas. range	-35... +70 °C
Accuracy ± 1 digit	±0.2 °C (-35... +39.9 °C) ±0.4 °C (+40... +70 °C)
Resolution	0.1 °C (-35... +70 °C)

Chann. external (var.)

Probe type	Testo humid. sensor, cap.
Meas. range	0... +100 %RH
Accuracy ± 1 digit	±2 %RH (+2... +98 %RH)
Resolution	0.1 %RH (0... +100 %RH)